

10/575254

IAP20 Rec'd FCGP10 10 APR 2006

1

SEQUENCE LISTING

<110> National Institute of Advanced Industrial Science and Technology

<120> The support having affinity to antibody

<130> 341-02845

<140>

<141>

<160> 10

<170> Patent In Ver. 2.1

<210> 1

<211> 70

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Protein for
antibody immobilization

<400> 1

Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
1 5 10 15

Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala
50 55 60

Asp Asp Asp Asp Asp Asp
65 70

<210> 2

<211> 128

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Protein for
antibody immobilization

<400> 2

Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
1 5 10 15

Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
85 90 95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
100 105 110

Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp
115 120 125

<210> 3

<211> 128

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Protein for
antibody immobilization

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
 35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
 50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
 65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
 85 90 95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
 100 105 110

Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
 115 120 125

<210> 4

<211> 128

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Protein for
 antibody immobilization

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
 20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
 35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
 50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
 65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro

4

85

90

95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
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Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
115 120 125

<210> 5

<211> 12

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Linker peptide

<400> 5

Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
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<210> 6

<211> 216

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

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atggctgata acaatttcaa caaagaacaa caaaatgott tctatgaaat cttgaatatg 60
cotaaactta acgaagaaca acgaatggt ttoatcoaaa gcttaaaaga tgacccaagc 120
caaagtgota aactattgto agaagotaaa aagttaaagc aatctcaagc acogaaaagg 180
ggcgggtggc gcgatgatga cgatgacgat gactaa 216

<210> 7

<211> 390

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:DNA coding

protein for antibody immobilization

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<400> 7
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caaatgtgata acctattgtc agaagctaaa aagttaaatg aatctcaago accgaaagot 180
gataacaatt tcaacaaaga acaacaaaat gctttotatg aatottgaa tatgcotaac 240
ttaaacgaag aacaacgcaa tggtttcac caaagcttaa aagatgacco aagccaaagt 300
gataacotat tgtaagaagc taanaagtta aatgaatctc aagcaccgaa aggtggcgtt 360
ggctgogotg atgacgatga ogatgactaa 390

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<210> 8
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<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

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tctatgaat ctgaaatg cctaacttaa acgaagaaca aogcaatggt ttcacccaaa 180
gottaaaaa tgaoocaaag caaatgtgata acctattgtc agaagctaaa aagttaaatg 240
aatctcaago accgaaaggt ggcggtggct gcgctgatga ogatgacgat gactaagaat 300
to 302

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<210> 9
<211> 476
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

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tctatgaat ctgaaatg cctaacttaa acgaagaaca acgcaatggt ttcacccaaa 180
gottaaaaa tgaccaaagc caaatgtgata acctattgtc agaagctaaa aagttaaatg 240
aatotocaa googaagot gataacaatt toaacaaga acaacaaaat gctttctatg 300
aatcttgaa tatgcotaac ttaaacgaag aacaacgcaa tggtttcac caaagcttaa 360
aagatgacco aagccaaagt gataacotat tgtaagaagc taanaagtta aatgaatctc 420
aagaacogaa aggtggcgtt ggctgogotg atgaogatga ogatgactaa gaattc 476

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<210> 10
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Additional DNA
sequence for gene expression

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aaggaggaac gact 74